FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

after forms are removed, typ.

ROLLED

(EXTRUDED) RAIL

S.D.H.

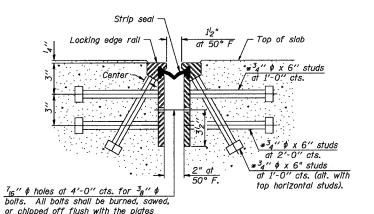
J.A.Z.

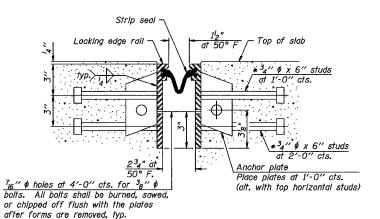
M.S.M. EJ-SSJ S<u>.D.H.</u>

DESIGNED

CHECKED

CHECKED





Notes:

The strip seal shall be made continuous and shall have a minimum thickness of 4". The configuration of the strip seal shall match the configuration of the Locking Edge Rails. Open or "webbed" strip seal gland configurations are not

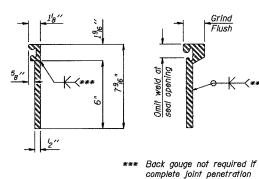
permitted. The gland shall be sized for a maximum rated movement of 4 inches. The height and thickness of the Locking Edge Rails shown are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not be allowed. Locking Edge Rails may be spliced at slope discontinuities and stage construction joints.

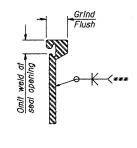
The manufacturer's recommended installation methods shall be followed.

The joint opening and deck dimensions detailed on the superstructure are based on a rolled rall expansion joint. If the Contractor elects to use the welded rail expansion joint, the opening and deck dimensions shall be modified according to the dimensions detailed on this sheet. Required modifications shall be made at no additional cost to the State.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

SECTION THRU ROLLED RAIL JOINT



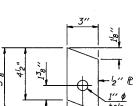


is verified by mock-up.

LOCKING EDGE RAIL SPLICE

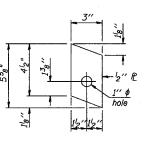
The inside of the locking edge rail groove shall be free of weld

residue.

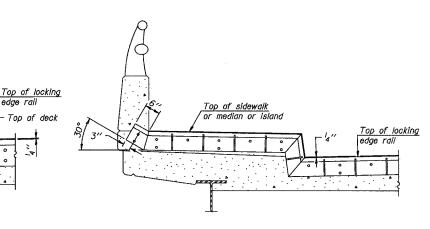


ANCHOR P (for welded rail)

SECTION THRU WELDED RAIL JOINT



AT PARAPET

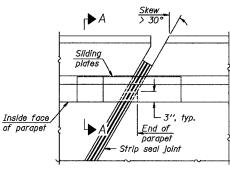


AT SIDEWALK OR MEDIAN OR ISLAND

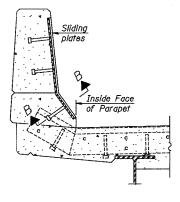
Shorter plates with a single row of studs at 12" cts. may be necessary on medians which are shallower than 9". See manufacturer's recommendation.

LOCKING EDGE RAILS

WELDED RAIL



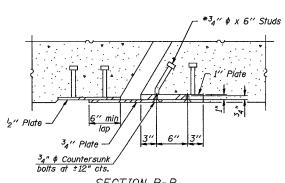
PLAN



SECTION A-A

POINT BLOCK DETAILS (for skews > 30°)

TYPICAL END TREATMENTS



edge rail

SECTION B-B

BILL OF MATERIAL

| Item | Unit | Total |
|-------------------------------|------|-------|
| Preformed Joint Strip Seal | Foot | 488 |

PREFORMED JOINT STRIP SEAL FAP 541 (GRAND AVE.) OVER IL RTE. 137 (AMSTUTZ EXPY.) SECTION 9 HB-I-1 LAKE COUNTY STATION 6+46.04

DATE: 03-27-08 S.N. 049-0118 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC CHICAGO ILLINOIS

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